



Fourth GAIN World Conference

Paris, France
June 14-15, 2000

Flight Data Monitoring Programs

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Office of System Safety (ASY)***



ASY Support of Flight Data Monitoring Programs

- **ASY supports the U.S. FOQA effort**
 - **Demonstration Project Quarterly Meetings & Symposiums**
 - **Internal FAA support**
- **ASY believes that information from FOQA programs can become a large contributor to GAIN**



Objective of the Workshop

- **To assist airlines in implementing a Flight Data Monitoring program**
 - Identifying the benefits
 - Reviewing issues & lessons learned while implementing a program



ICAO AIG 99 Changes

- **ICAO Annex 6, Chapter 3**
 - “From 1 January 2002, an operator of an aeroplane of a certified take-off mass in excess of 27000 kg should establish and maintain a flight data analysis programme as part of its accident prevention and flight safety programme.”



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ICAO AIG 99 Changes

- **ICAO Annex 6, Chapter 3**
 - “A flight data analysis programme *shall* be non-punitive and contain adequate safeguards to protect the source(s) of the data.”



U.S. & FOQA

- **Demonstration Project**
 - Started in 1995
 - Eight Airlines with Active Programs
- **FAA Reauthorization Act of 2000**
 - Sec. 510. Flight Operations Quality Assurance Rules
 - NPRM due out by June 6, 2000. *Status*
 - Draft Advisory Circular for FOQA, Sept 95
 - http://www.asy.faa.gov/gain/FOQA_&_ASAP/FOQA-Draft_AC.pdf



Data Standardization Efforts

- **Data standardization is key to sharing efforts**
- **Transport Canada sponsored the Flight Recorder Configuration Standard Version 1.0**
 - <http://frcs.sofkin.ca/indexFRCS.htm>
- **US FOQA DemoProj Naming Standards effort**



Other Information

- **Flight Safety Foundation Digest** July-September 1998
 - “Aviation Safety: U.S. Efforts To Implement Flight Operational Quality Assurance Programs”
 - http://www.flightsafety.org/fsd/fsd_jul-sep98.pdf
- **ICAO Journal Article** January/February 2000
 - “Properly managed FOQA programme represents an important safety tool for airlines”
Capt. Mike Holtom
British Airways
 - <http://www.icao.int/icao/en/jr/5501.pdf>



Workshop Speakers

- **Capt. Jacques Verrière, Air France**
 - *Benefits obtained from a Flight Data Monitoring program*
- **Mr. Al Baldwin, Continental Airlines**
 - *Implementing a Flight Data Monitoring program*